

# R A D C O

Radco Series 500 "Universal" aluminum sliding windows, the new "all-climate" window that fits every type of construction.





# RADCO SERIES 500 "UNIVERSAL"

Here is the first major advance in sliding aluminum window design. New appeals, new installation shortcuts and a whole new approach to positive weather control are only part of the story of the new RADCO window line. You'll find 18% more metal in this window than in ordinary windows; the first use of two different kinds of weather-stripping to seal out sand, wind, and water; and the exclusive use of quality stainless steel track.

Beautiful satin finish, protected by 'Polygleem' vinyl process for lasting beauty. Windows may be glazed with single strength, double strength,  $\frac{3}{16}$ " crystal, or  $\frac{1}{4}$ " plate glass. Full-frame screens of roll-formed tubular aluminum are supplied with vinyl-coated fiberglass screening. At its surprising and competitive price, the RADCO is the biggest value buy in today's market, and in more than 50 window sizes!

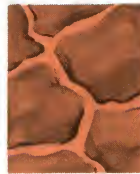
For *all* types of construction—



*Block*



*Brick Veneer*



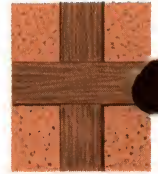
*Stone*



*Stucco*



*Frame*



*Post & Beam*

**TESTS PROVE RADCO WINDOWS ARE WIND-PROOF—  
WATER-TIGHT—SAND-PROOF**

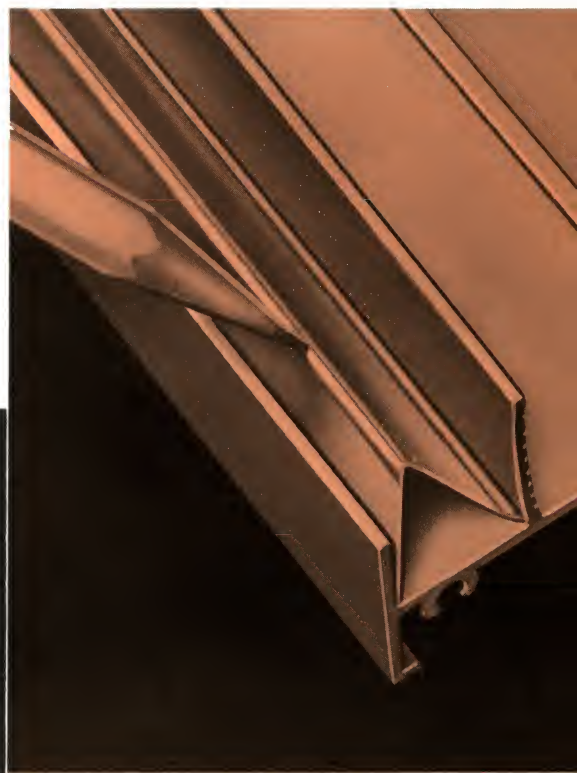


**AIR INFILTRATION TESTS** in this pressure chamber proved the positive draft-free, wind-tight seal of the Radco window.

## *...a new kind of sliding window*

### **FIRST PERFECT WEATHER CONTROL —**

The RADCO "Universal" is the first window to use two types of weatherstripping to achieve complete weather protection. This view of a corner of the vent shows the high-pile mohair weatherstrip, and the special gliding vinyl weatherstrip that seals the lower edge. Notice the molded 'nose' that hugs the sill riser and shuts out water, wind, sand or dust.



**NEW POSITIVE LOCKING LATCH —** This spring-loaded twin-plunger latch locks securely and automatically whenever the window is closed — holds as surely as any door lock — yet releases instantly with feather-touch action. This positive locking helps to insure weathertight seal, and at the same time makes the window prowler-proof.

**NEW STAINLESS-STEEL TRACK —** Insures a lifetime of effortless operation for the RADCO "Universal" Window. Plaster and mortar spatters won't stick to stainless steel, making cleanup easy, and eliminating damage to window operation. The combination of nylon glides on the vent pane and the smooth surface of stainless steel gives finger-tip opening and closing — permanently.

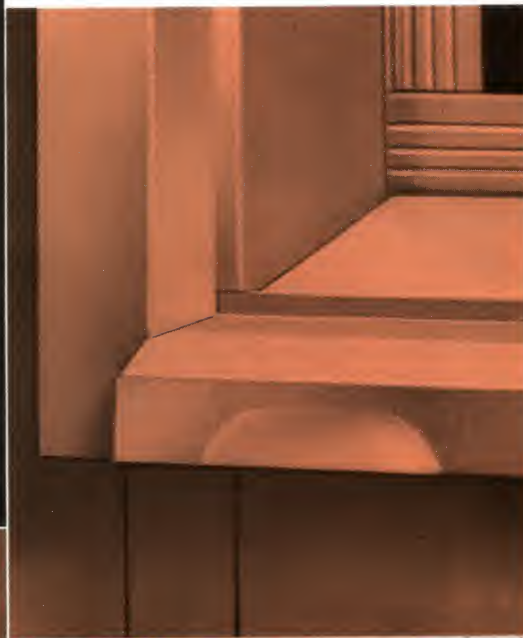


# RADCO "UNIVERSAL" WINDOW



## NEW ENGINEERED DOUBLE INTERLOCK—

The sturdy central rib shown here, reinforces the meeting rail and prevents bending and bowing. The special interlock runs the full length of the meeting rail, and is weatherstripped with high-quality mohair, plus vinyl weatherstrip with molded sealing lip to prevent intrusion of water, wind or dust. Notice also that the design provides an interlock on *both* sides of the meeting rail—you can reverse the vent pane and the fixed pane, left to right, on the job.



## EXCLUSIVE LEAK-PROOF NYLON

**WEEPERS** — Are located within the sill at each end and designed so that moisture or dust *cannot* enter. Internal reinforced molded nylon weepers carry off water rapidly in the heaviest of rains — prevent leakage at the sill.



## NEW SNAP-IN GLAZING BEAD —

Provides beautifully finished glass lines and trim appearance. Aluminum bead makes glass replacement easier; enables window to be readily changed to open either left to right or right to left should changes occur in plans during construction.

# WIND-PROOF WATER-TIGHT DUST-TIGHT EASIER TO OPERATE



## **FINGER-TIP EASY OPERATION —**

Self-lubricating nylon glides move effortlessly on the gleaming stainless steel track. There's nothing to stick and nothing to jam...designed so even a child can operate easily.



## **DESIGNED FOR EASY CLEANING —**

Vent panes and full-frame screen lift out easily from the inside. The full surfaces of fixed panes in RADCO "Universal" Windows can be cleaned safely and conveniently from the inside.



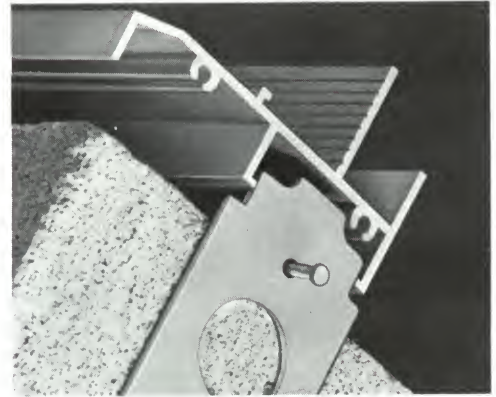
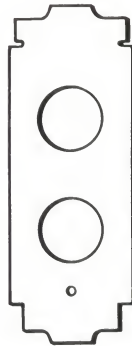
## **FAST INSTALLATION NAIL-ON TRIM**

**FIN** — Makes installation easy in conventional frame, stucco or post-and-beam construction. Simply frame in and nail up — nail holes are provided in the fin. The nailing fin is easily removed at the job site if the window is to be used in masonry construction, or the window can be supplied by the factory without fin.



# RADCO "Universal" is engineered for MASONRY CONSTRUCTION...

**EXCLUSIVE MASONRY CONSTRUCTION ANCHORS** make installation easy and accurate in masonry. Radco Anchor positions window in accurate alignment, and ties window to concrete construction at sill, and both left and right jamb. Note full sill for masonry construction. Radco rigid frame construction makes installation trouble-free. The masonry line of Radco "Universal" Windows is supplied without nail-on metal trim fin as produced for conventional frame, or stucco construction.

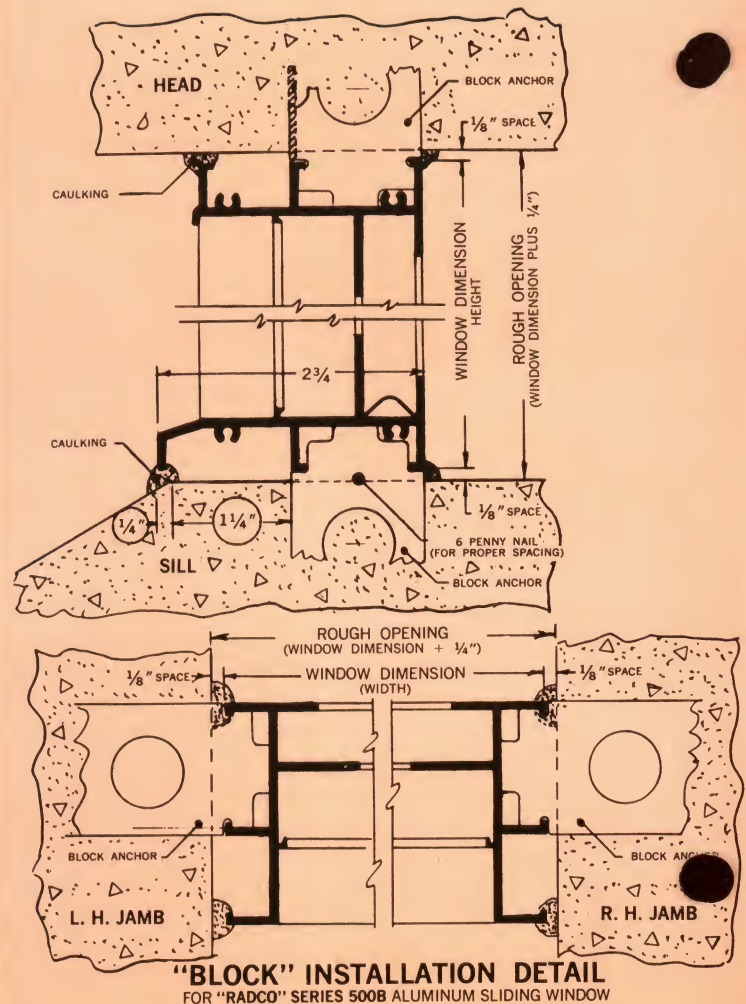


## RADCO INSTALLATION DETAILS $\frac{1}{2}$ Size

for Radco

"Universal" Series 500

sliding aluminum window



# SPECIFICATIONS

**GENERAL:** Aluminum horizontal sliding windows as shown shall be RADCO Series 500 "Universal" as manufactured by RADCO Products, Inc., Santa Maria, California. Said windows shall conform to A.W.M.A. specifications for DS-AI, Class II windows.

**MATERIALS:** All frame and sash members shall be manufactured from 6063-T5 extruded aluminum alloy, having a minimum thickness of .062 inches. Weatherstripping shall be Schlegel woven pile weatherseal at jams and interlocking stile. Head and sill weatherstripping shall be B. F. Goodrich and Company extruded virgin vinyl.

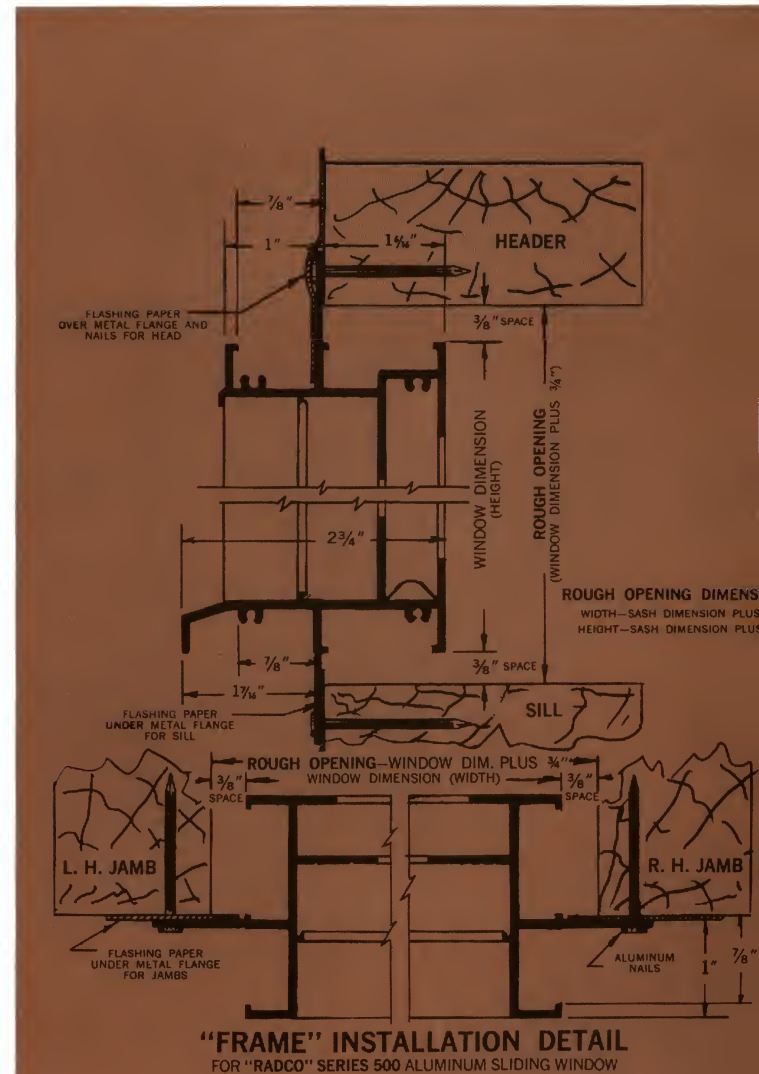
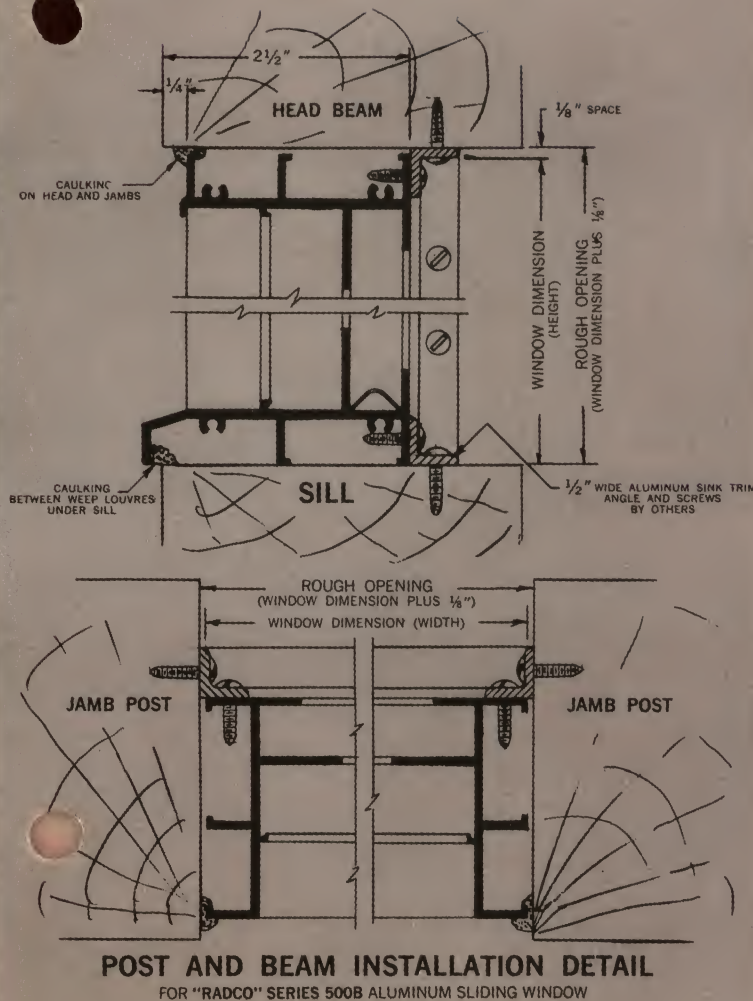
**CONSTRUCTION:** Frame and sash members shall be uniformly machined and mitred to produce neat fitting workmanlike joints. RADCO Series 500 "Universal" window frames shall include an integral nailing fin and extruded exterior surround for stucco, siding, or brick veneer installations when so specified. When specified for concrete block, solid brick, or masonry construction, RADCO Series 500 window frames shall be furnished with adjustable masonry anchors in lieu of nailing fins. Glass in frame members shall be glazed with roll formed snap-in glazing bead to facilitate easy job site glass replacement. Glass in sash members shall be glazed with B. F. Goodrich and Company virgin vinyl glazing bead.

Sash shall be designed to glide or roll on molded nylon anti-friction bearings. There shall be a roll formed stainless steel "Easy-Glide" track furnished in all sill frame members. Sash shall be locked automatically when sash is moved to closed position. When sash are in locked positions, it shall be impossible to remove them from frame. Sash shall be removable from inside the window without disassembly of any frame parts.

**FINISH:** All frame and sash members shall be chemically degreased, cleaned and treated. After treatment they shall receive a protective coating of clear "Polygleem" to protect against harmful actions of lime and mortar.

**SCREENS:** When specified, RADCO roll formed tubular aluminum frames with vinyl coated fiberglass screen cloth with an 18 x 14 mesh shall be furnished. Screens shall be designed for installation or removal without the use of tools from inside the building.

**ERECTION:** Installation shall be done by others. Window frames shall be installed straight, plumb, and level without springing or twisting, and shall be securely fastened in place according to manufacturer's recommendations or details.





# 57 STANDARD WINDOW SIZES

FOR ROUGH  
OPENINGS:

ADD  $\frac{3}{4}$ " FOR FRAME CONSTRUCTION  
ADD  $\frac{1}{4}$ " FOR BLOCK CONSTRUCTION

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OPENINGS:  
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ADD  $\frac{1}{4}$ " FOR BLOCK CONSTRUCTION

|      |      |      |       |       |       |            |       |       |       |
|------|------|------|-------|-------|-------|------------|-------|-------|-------|
| 24"  | 36"  | 40"  | 48"   | 56"   | 72"   | 72"        | 80"   | 96"   | 112"  |
| 2020 | 3020 | 3420 | 4020  | 4820  | 6020  | 6020D.V.   | 6820  | 8020  | 9420  |
| 2030 | 3030 | 3430 | 4030  | 4830  | 6030  | 6030D.V.   | 6830  | 8030  | 9430  |
|      | 3040 | 3440 | 4040  | 4840  | 6040  | 6040D.V.   | 6840  | 8040  | 9440  |
|      |      |      | 4050  | 4850  | 6050  | 6050D.V.   | 6850  | 8050  | 9450  |
|      |      |      | 4050H | 4850H | 6050H | 6050D.V.H. | 6850H | 8050H | 9450H |
|      |      |      | 4060H | 4860H | 6060H | 6060D.V.H. | 6860H | 8060H | 9460H |
|      |      |      | 4060M | 4860M | 6060M | 6060D.V.M. | 6860M | 8060M | 9460M |

All units shown as viewed from outside.

All single vents shown as left hand sliding, but available as left or right hand sliding.



**RADCO MANUFACTURING FACILITIES** are the most modern in the industry, and include complete fabrication and assembly of both windows and screens.



## RADCO PRODUCTS, Inc.



Member Sliding Glass Door & Window Institute

3121 Skyway Drive; Santa Maria, California; Telephone: WALnut 5-2679



# RADCO

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new "all-

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